

SEQUENCE LISTING

<110> Turner, C. Alexander Jr.
Donoho, Gregory
Wang, Xiaoming
Hilbun, Erin
Zambrowicz, Brian
Sands, Arthur T.

<120> Novel Human Galanin Family Proteins and
Polynucleotides Encoding the Same

<130> LEX-0068-USA

<150> US 60/158,848

<151> 1999-10-12

<160> 4

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 426

<212> DNA

<213> homo sapiens

<400> 1

atggctcctc	cctccgtccc	cctggctctc	ctcctcgctc	tcttgctgag	cctggcagag	60
actccagcat	ccgcacctgc	ccaccgggga	cgaggaggct	ggaccctcaa	tagtgctggc	120
taccttcttg	gtcccgctct	ccaccttccc	caaattgggtg	accaagacgg	aaagagggag	180
acagcccttg	agatcctaga	cctgtggaag	gccatcgatg	ggctccccta	ctcccaccct	240
ccacagccct	ccaagaggaa	tgtgatggag	acgtttgccca	aaccagagat	tggaggtaaa	300
gccaggaaac	acagaagaga	gacaccgaca	ggagaggggg	aacaaggaag	tggcaggcag	360
agcttagagg	atctgggcat	gtcagcatg	aaaattccca	aggaggaaga	tgtcctgaag	420
tcatag						426

<210> 2

<211> 141

<212> PRT

<213> homo sapiens

<400> 2

Met	Ala	Pro	Pro	Ser	Val	Pro	Leu	Val	Leu	Leu	Val	Leu	Leu	Leu
1				5			10				15			
Ser	Leu	Ala	Glu	Thr	Pro	Ala	Ser	Ala	Pro	Ala	His	Arg	Gly	Arg
			20				25				30			
Gly	Trp	Thr	Leu	Asn	Ser	Ala	Gly	Tyr	Leu	Leu	Gly	Pro	Val	Leu
		35				40					45			
Leu	Pro	Gln	Met	Gly	Asp	Gln	Asp	Gly	Lys	Arg	Glu	Thr	Ala	Leu
		50			55				60					
Ile	Leu	Asp	Leu	Trp	Lys	Ala	Ile	Asp	Gly	Leu	Pro	Tyr	Ser	His
65				70					75				80	
Pro	Gln	Pro	Ser	Lys	Arg	Asn	Val	Met	Glu	Thr	Phe	Ala	Lys	Pro
				85				90					95	

Ile Gly Gly Lys Ala Arg Lys His Arg Arg Glu Thr Pro Thr Gly Glu
100 105 110
Gly Glu Gln Gly Ser Gly Arg Gln Ser Leu Glu Asp Leu Gly Met Leu
115 120 125
Ser Met Lys Ile Pro Lys Glu Asp Val Leu Lys Ser
130 135 140

<210> 3
<211> 351
<212> DNA
<213> homo sapiens

<400> 3
atggctcctc cctccgtccc cctggctcctc ctccctcgctc tcttgctgag cctggcagag 60
actccagcat ccgcacctgc ccaccgggga cgaggaggct ggaccctcaa tagtgctggc 120
taccttctgg gtcccgtcct ccaccttccc caaatgggtg accaagacgg aaagagggag 180
acagcccttg agatcctaga cctgtggaag gccatcgatg ggctccccta ctcccaccct 240
ccacagccct ccaagaggaa tgtgatggag acgtttgcca aaccagagat tggagatctg 300
ggcatgctca gcatgaaaat tccaaggag gaagatgtcc tgaagtcata g 351

<210> 4
<211> 116
<212> PRT
<213> homo sapiens

<400> 4
Met Ala Pro Pro Ser Val Pro Leu Val Leu Leu Leu Val Leu Leu Leu
1 5 10 15
Ser Leu Ala Glu Thr Pro Ala Ser Ala Pro Ala His Arg Gly Arg Gly
20 25 30
Gly Trp Thr Leu Asn Ser Ala Gly Tyr Leu Leu Gly Pro Val Leu His
35 40 45
Leu Pro Gln Met Gly Asp Gln Asp Gly Lys Arg Glu Thr Ala Leu Glu
50 55 60
Ile Leu Asp Leu Trp Lys Ala Ile Asp Gly Leu Pro Tyr Ser His Pro
65 70 75 80
Pro Gln Pro Ser Lys Arg Asn Val Met Glu Thr Phe Ala Lys Pro Glu
85 90 95
Ile Gly Asp Leu Gly Met Leu Ser Met Lys Ile Pro Lys Glu Glu Asp
100 105 110
Val Leu Lys Ser
115